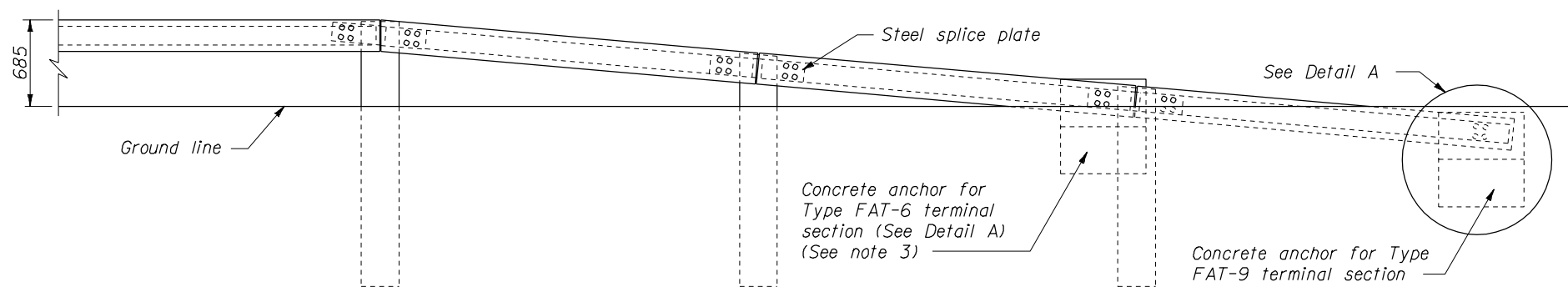
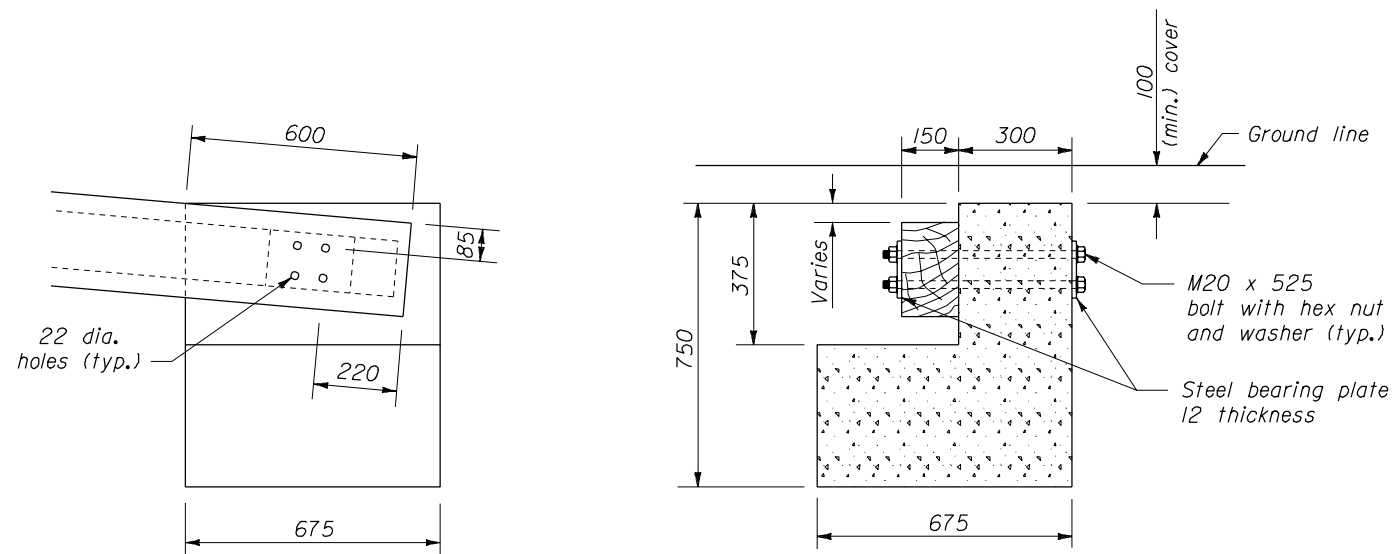


PLAN



ELEVATION

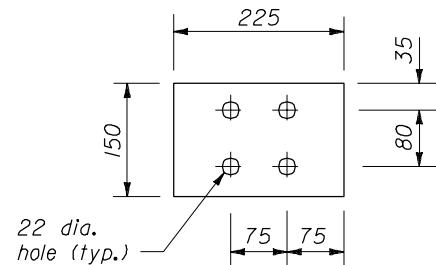
APPROACH & DEPARTURE FLARE WITH
FLARED ANCHOR TERMINAL (FAT)



DETAIL A

SECTION A-A

CONCRETE ANCHOR



STEEL BEARING PLATE

NOTES:

1. Unless otherwise shown, dimensions are in millimeters.
2. Use 9 m long Type FAT-9 (Flared Anchor Terminal) terminal section or the 6 m long Type FAT-6 (Flared Anchor Terminal) terminal section as specified.
3. For the Type FAT-6 terminal section, the third rail on the Type FAT-9 terminal section is deleted and the concrete anchor is relocated to the end of the second rail. See Standard M204-1, Earth berm for Roadside Barrier Terminal Sections, for construction of the earth berm.
4. For the Type FAT-9 terminal section, extend the fill widening a minimum of 1.5 m behind the guardrail, unless otherwise directed by the CO.
5. The guardrail flare shown in the plan view is the minimum length and rate required. As directed by the CO, flare the guardrail so that the terminal section is outside the clear zone. If the terminal section cannot be located outside the clear zone, it should be flared as far as practical from the road at the maximum rate indicated on the Guardrail Flare Rates table.
6. See Standard M617-60, Steel-Backed Timber Guardrail, Type SBT-A and SBT-B, for timber, structural steel, and hardware details.
7. On the Type A, blocked-out guardrail, include the blocks in terminal section, except on the concrete anchor. For the Type B, non-blocked-out guardrail, no blocks are included.
8. Furnish hardware in the metric sizes shown. Equivalent Imperial sizes may be used when metric sizes are not available.

GUARDRAIL FLARE RATE TABLE

Design Speed (km/h)	Shy line offset (m)	Flare rate inside shy line (b:a)	Flare rate outside shy line (b:a)
100	2.5	1:26	1:13
80	2.0	1:21	1:11
60	1.5	1:17	1:9
50 or less	1.0	1:13	1:7

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FEDERAL LANDS HIGHWAY
METRIC STANDARD
STEEL-BACKED TIMBER GUARDRAIL
TERMINAL SECTION, TYPE FAT-9
AND TYPE FAT-6

STANDARD APPROVED FOR USE --/----
REVISED: 07/98

STANDARD
M617-6

NO SCALE